

BEFORE
THE PUBLIC SERVICE COMMISSION OF
SOUTH CAROLINA
DOCKET NO. 2019-290-WS

Blue Granite Water Company
Compliance Filing
Capital Improvements Report
April 1, 2021 – September 30, 2021

On April 6, 2020, the South Carolina Public Service Commission (the “Commission” or “PSC”) approved Blue Granite Water Company’s (“BGWC” or the “Company”), formerly known as Carolina Water Service, Inc., request for an increase in general rates and charges for its water and sewer services. As part of its Order, the PSC provided that:

“The Company shall also submit a separate report no less than semiannually reporting on all capital improvements made during the period to enhance customer service and to explain the cost of such capital improvements.”

The following report provides the Commission with an update on all major capital improvements currently in progress during the reporting period.

The reporting period for this report is April 1, 2021 – September 30, 2021.

Blue Granite Water Company – South Carolina
Capital Improvement Projects Update
Water System Improvements

Description	Location	Engineer/Project Manager/Contractor	Cost	Cost Details	Status	Progress & Goal
Hunter's Glenn New Well	Aiken, SC	GMC/A. Hopkins	\$722,831	Drilling new well because of extremely high cost of connection and City of Aiken only allowing emergency connection.	Construction 95%	Drill new well in Q1 2021. Substantial completion expected Fall 2021.
		McCall Brothers				
Waterline Improvements – Surfside Heights	Anderson, SC	Ardurra Engineering/A. Hopkins	\$223,569	Replacement of 3700 LF of 2" cast iron pipe due to end of useful asset life.	Closed	Placed into operation 7-28-21.
		L.W., Inc.				
		JC Wilkie Construction				
		TBD				
EWT Rehabilitation	Lake Wylie, SC	GMC/A. Hopkins	\$139,528	Rehabilitation of existing elevated water tower in Lake Wylie.	Closed	Placed into operation 8-11-21.
		Suburban Contractors				
Asset/System Modeling for I-20	Lexington, SC	DDC Engineering	\$167,378	Hydraulic modeling of I-20 water system.	Engineering 5%	Hydraulic modeling expected duration is 6 months. Spring 2022 expected completion.
EWT Rehab	Gaston, SC	BGWC	\$149,062	Rehabilitation of existing elevated water tower in Gaston, SC.	Planning 5%	Spring 2022 expected completion.

Sewer System Improvements

Description	Location	Engineer/Project Manager/Contractor	Cost	Cost Details	Status	Progress & Goal
WWCS Rehabilitation – Friarsgate	Irmo, SC	GMC/A. Hopkins	\$1,320,000	Point/Lateral repairs, gravity sewer line replacement, manhole rehabilitation, cure-in-place-pipe (CIPP) and necessary site restoration.	Closed	Placed into operation 5-31-21.
		McClam & Associates				
		TBD				
Effluent FM Replacement – Friarsgate	Columbia, SC	ADC Engineering/A. Hopkins	\$186,750	Replacement of 1000 LF sanitary sewer FM to 10” DIP and Air Release Valve.	Engineering 100%	Substantial completion expected Q4 of 2021.
		Carolina Tap and Bore				
Inflow & Infiltration (I&I) Study	Various, SC	GMC Engineering/A. Hopkins	\$18,029	Inflow and infiltration study for the wastewater treatment plants, wholesale treatment gravity system, and wholesale treatment pump stations throughout South Carolina.	Closed	Completed on 7-31-21.
Foxwood Improvement Plan	Fort Mill, SC	GMC Engineering/BGWC	\$248,309	Dredging of the polishing pond at the Foxwood WWTP.	Planning 5%	Substantial completion expected Q3 2022.
WWCS Rehabilitation – Friarsgate Phase 2	Irmo, SC	GMC/A. Hopkins	\$917,203	Point/Lateral repairs, gravity sewer line replacement, manhole rehabilitation, cure-in-place-pipe (CIPP), pipe bursting and necessary site restoration.	Construction 80%	Substantial completion expected in Q4 2021
		McClam & Associates				
WWCS Rehabilitation – Lincolnshire	Georgetown, SC	Hydrostructures	\$88,508	CCTV, cleaning and engineering recommendation for repairs.	Planning 50%	Substantial completion expected in Q4 2021 for Phase 1 of the project.
WWCS Rehabilitation – Shadowwood Cove	Irmo, SC	Hydrostructures	\$46,043	CCTV, cleaning and engineering recommendation for repairs.	Planning 50%	Substantial completion expected in Q4 2021 for Phase 1 of the project.
WWCS Rehabilitation – Highland Forest	Greenwood, SC	Hydrostructures	\$38,348	CCTV, cleaning and engineering recommendation for repairs.	Planning 50%	Substantial completion expected in Q4 2021 for Phase 1 of the project.
WWCS Rehabilitation – Valley Brook	Piedmont, SC	Hydrostructures	\$53,581	CCTV, cleaning and engineering recommendation for repairs.	Planning 50%	Substantial completion expected in Q1 2022 for Phase 1 of the project.
WWCS Rehabilitation – Canterbury	Piedmont, SC	Hydrostructures	\$57,182	CCTV, cleaning and engineering recommendation for repairs.	Planning 50%	Substantial completion expected in Q1 2022 for Phase 1 of the project.
WWCS Rehabilitation – Fairwood	Union, SC	Hydrostructures	\$33,934	CCTV, cleaning and engineering recommendation for repairs.	Planning 50%	Substantial completion expected in Q2 2022 for Phase 1 of the project.

WWCS Rehabilitation – Briarcreek 2	Gaffney, SC	Hydrostructures	\$15,888	CCTV, cleaning and engineering recommendation for repairs.	Planning 50%	Substantial completion expected in Q2 2022 for Phase 1 of the project.
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